

GenCore version 5.1.9
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OM protein - protein search, using sw model

Run on: July 14, 2006, 03:13:35 ; Search time 186 Seconds

(without alignments)
602.677 Million cell updates/secPerfect score: 1242
1 MAALWGFPPVLLLLTSCD.....SGKSSGSKTKGSGAKRR 242Sequence: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0
Maximum DB seq length: 2000000000Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database : Published Applications AA Main:*

- 1: /EMC_Celerra_SIDS3/prodata/2/pubppaa/US07_PUBCOMB.pep:*
- 2: /EMC_Celerra_SIDS3/prodata/2/pubppaa/US08_PUBCOMB.pep:*
- 3: /EMC_Celerra_SIDS3/prodata/2/pubppaa/US09_PUBCOMB.pep:*
- 4: /EMC_Celerra_SIDS3/prodata/2/pubppaa/US10_PUBCOMB.pep:*
- 5: /EMC_Celerra_SIDS3/prodata/2/pubppaa/US10B_PUBCOMB.pep:*
- 6: /EMC_Celerra_SIDS3/prodata/2/pubppaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
309	1242	100.0	242	4 US-10-176-847-30	Sequence 30, App1
492	1242	100.0	242	4 US-10-174-587-388	Sequence 388, App
556	1242	100.0	242	4 US-10-063-742-136	Sequence 136, App
670	1242	100.0	242	5 US-10-684-422-268	Sequence 268, App
671	1242	100.0	242	5 US-10-972-317-136	Sequence 136, App
680	1242	100.0	242	6 US-11-102-240-136	Sequence 136, App
681	1242	100.0	242	6 US-11-080-991-30	Sequence 30, App1
682	1242	100.0	242	6 US-11-103-195-136	Sequence 136, App
683	1242	100.0	253	6 US-10-821-234-865	Sequence 865, App
684	1242	100.0	168	3 US-09-981-876-280	Sequence 280, App
685	875	70.5	168	3 US-09-148-545-280	Sequence 280, App
686	875	70.5	168	5 US-10-979-111-280	Sequence 280, App
687	404	32.5	81	5 US-10-745-586-115	Sequence 115, App
688	367	29.5	74	3 US-09-981-876-198	Sequence 198, App
689	367	29.5	74	3 US-09-148-545-198	Sequence 198, App
690	367	29.5	74	3 US-10-979-111-198	Sequence 198, App
691	365	29.4	245	6 US-11-097-143-12300	Sequence 12300, A
692	343	27.6	84	4 US-10-425-115-362985	Sequence 362985, A
693	239	19.2	50	5 US-10-926-683-815	Sequence 815, App
694	232.5	18.7	208	4 US-10-425-115-274458	Sequence 274458, A
695	231.5	18.6	216	4 US-10-425-114-69483	Sequence 69483, A
696	230.5	18.6	233	4 US-10-425-114-66963	Sequence 66963, A
697	230	18.5	209	4 US-10-424-599-276977	Sequence 276977, A
698	230	18.5	212	4 US-10-425-114-44724	Sequence 44724, A
699	226.5	18.2	208	4 US-10-767-701-43617	Sequence 43617, A
700	224	18.0	205	4 US-10-437-963-203313	Sequence 203313, A
701	220	17.7	183	4 US-10-425-114-57562	Sequence 57562, A
702	194.5	15.7	218	5 US-10-739-930-7180	Sequence 7180, App

703	188.5	15.2	162	4 US-10-437-963-203311	Sequence 203311, A
704	185.5	14.9	205	5 US-10-739-930-6886	Sequence 6886, App
705	133.5	10.7	98	4 US-10-425-115-274456	Sequence 274456, A
706	95.5	7.7	544	4 US-10-369-493-12869	Sequence 12869, A
707	95	7.6	402	4 US-10-424-599-275861	Sequence 275861, A
708	95	7.6	1015	4 US-10-437-963-197743	Sequence 197743, A
709	94.5	7.6	250	4 US-11-072-512-1933	Sequence 3933, App
710	94.5	7.6	526	6 US-11-097-143-18996	Sequence 18996, A
711	93.5	7.5	877	6 US-11-097-143-18996	Sequence 18996, A
712	92	7.4	877	6 US-11-188-298-18520	Sequence 18520, A
713	91.5	7.4	130	4 US-10-437-963-190168	Sequence 190168, A
714	91.5	7.4	326	6 US-11-097-143-20088	Sequence 20088, A
715	91	7.3	139	4 US-10-767-701-59070	Sequence 59070, A
716	89.5	7.2	694	6 US-11-098-686-10456	Sequence 10456, A
717	89.5	7.2	1087	4 US-10-435-766-19	Sequence 19, App1
718	89.5	7.2	1087	5 US-10-853-973A-19	Sequence 19, App1
719	88	7.1	659	5 US-10-751-235-56	Sequence 56, App1
720	86.5	7.0	93	4 US-10-424-599-276979	Sequence 276979, A
721	86.5	7.0	1110	6 US-11-188-298-5618	Sequence 5618, App
722	86.5	7.0	5032	4 US-10-408-765A-26	Sequence 26, App1
723	86.5	7.0	5038	5 US-10-723-860-1310	Sequence 1310, App
724	86.5	7.0	5038	5 US-10-756-149-5039	Sequence 5039, App
725	86.5	7.0	5081	4 US-10-276-774-1850	Sequence 1850, App
726	86.5	7.0	5081	5 US-10-450-763-35338	Sequence 35328, A
727	86	6.9	17	3 US-09-981-876-279	Sequence 279, App
728	86	6.9	17	3 US-09-148-545-279	Sequence 279, App
729	86	6.9	17	5 US-10-979-111-279	Sequence 279, App
730	86	6.9	230	4 US-10-408-765A-356	Sequence 356, App
731	86	6.9	230	5 US-10-517-686-127	Sequence 127, App
734	85.5	6.9	437	4 US-10-223-085-102	Sequence 102, App
780	85.5	6.9	437	4 US-10-219-065-136	Sequence 136, App
806	85.5	6.9	437	4 US-10-223-084-102	Sequence 102, App
807	85.5	6.9	437	4 US-10-223-088-102	Sequence 102, App
808	85.5	6.9	437	4 US-10-223-080-102	Sequence 102, App
813	85.5	6.9	437	4 US-10-223-087-102	Sequence 102, App
814	85.5	6.9	437	4 US-10-223-083-102	Sequence 102, App
817	85.5	6.9	437	4 US-10-223-089-102	Sequence 102, App
839	85.5	6.9	437	4 US-10-223-082-102	Sequence 102, App
839	85.5	6.9	437	4 US-10-305-654-102	Sequence 102, App
842	85.5	6.9	437	4 US-10-081-056-102	Sequence 102, App
846	85.5	6.9	437	4 US-10-794-899-92	Sequence 92, App1
853	85.5	6.9	438	4 US-10-198-070-38	Sequence 38, App1
854	85.5	6.9	438	4 US-10-788-792-171	Sequence 171, App
855	85.5	6.9	505	4 US-10-434-599-203622	Sequence 203622, A
856	85.5	6.9	1242	4 US-10-037-417-110	Sequence 110, App
857	85.5	6.9	1242	6 US-11-019-711-110	Sequence 110, App
858	85.5	6.9	1487	5 US-10-450-763-58365	Sequence 58365, A
859	85	6.8	290	4 US-10-369-493-5744	Sequence 9744, App
860	84.5	6.8	456	4 US-10-369-493-17949	Sequence 17949, A
861	84	6.8	541	4 US-10-425-115-108081	Sequence 308081, A
862	84	6.8	541	4 US-10-408-765A-679	Sequence 679, App
863	84	6.8	627	6 US-10-437-963-183247	Sequence 183247, A
864	84	6.8	897	6 US-11-097-143-13575	Sequence 13575, A
865	83.5	6.7	422	4 US-10-437-963-112684	Sequence 112684, A
866	83.5	6.7	422	6 US-11-188-298-18990	Sequence 18990, A
867	83.5	6.7	763	4 US-10-369-493-6493	Sequence 6493, App
868	83	6.7	190	4 US-10-389-562-968	Sequence 968, App
869	83	6.7	424	4 US-10-210-760A-2	Sequence 22, App1
870	83	6.7	424	4 US-10-210-760A-22	Sequence 22, App1
871	83	6.7	424	4 US-10-210-760A-24	Sequence 24, App1
872	83	6.7	424	4 US-10-210-760A-30	Sequence 30, App1
873	83	6.7	424	4 US-10-229-541A-98	Sequence 98, App1
874	83	6.7	424	4 US-10-229-541A-117	Sequence 117, App
875	83	6.7	424	4 US-10-229-541A-119	Sequence 119, App
876	83	6.7	424	4 US-10-229-541A-125	Sequence 125, App
877	83	6.7	424	6 US-11-229-371-98	Sequence 98, App1
878	83	6.7	424	6 US-11-229-371-117	Sequence 117, App
879	83	6.7	424	6 US-11-229-371-119	Sequence 119, App
880	83	6.7	424	6 US-11-229-371-125	Sequence 125, App
881	83	6.7	424	6 US-11-228-923-98	Sequence 98, App1
882	83	6.7	424	6 US-11-228-923-117	Sequence 117, App
883	83	6.7	424	6 US-11-228-923-119	Sequence 119, App

884	83	6.7	424	6	US-11-228-923-125	Sequence 125, App
885	83	6.7	424	6	US-11-228-875-98	Sequence 98, Appl
886	83	6.7	424	6	US-11-228-875-117	Sequence 117, App
887	83	6.7	424	6	US-11-228-875-119	Sequence 119, App
888	83	6.7	424	6	US-11-228-875-125	Sequence 125, App
889	83	6.7	459	4	US-10-210-760A-32	Sequence 32, Appl
890	83	6.7	459	4	US-10-229-541A-127	Sequence 127, App
891	83	6.7	459	6	US-11-229-371-127	Sequence 127, App
892	83	6.7	459	6	US-11-228-923-127	Sequence 127, App
893	83	6.7	459	6	US-11-228-875-127	Sequence 127, App
894	83	6.7	695	4	US-10-282-122A-61020	Sequence 61020, A
895	83	6.7	695	6	US-11-045-004-1108	Sequence 1108, Ap
896	82.5	6.6	509	4	US-10-369-493-10520	Sequence 10520, A
897	82.5	6.6	540	4	US-10-282-122A-46917	Sequence 46917, A
898	82.5	6.6	1085	5	US-10-732-923-1555	Sequence 1555, Ap
899	82.5	6.6	1583	4	US-10-437-963-190509	Sequence 190509,
900	82	6.6	474	4	US-10-424-589-230554	Sequence 230554,
901	82	6.6	491	6	US-11-188-298-4899	Sequence 4899, Ap
902	82	6.6	693	3	US-09-815-242-5238	Sequence 5238, Ap
903	82	6.6	693	4	US-10-282-122A-43789	Sequence 43789, A
904	82	6.6	693	5	US-10-857-625-576	Sequence 576, App
905	82	6.6	693	5	US-10-470-048B-128	Sequence 128, App
906	82	6.6	715	3	US-08-815-242-12443	Sequence 12443, A
907	82	6.6	715	3	US-09-815-242-12736	Sequence 12736, A
908	82	6.6	1073	5	US-10-745-237-198	Sequence 198, App
909	82	6.6	1073	6	US-11-097-143-36885	Sequence 36885, A
910	81.5	6.6	476	5	US-10-489-695-13	Sequence 13, Appl
911	81.5	6.6	522	4	US-10-012-542-220	Sequence 220, App
912	81.5	6.6	522	4	US-10-115-123-220	Sequence 220, App
913	81.5	6.6	522	4	US-10-800-834-220	Sequence 220, App
914	81.5	6.6	555	4	US-10-012-542-251	Sequence 251, App
915	81.5	6.6	555	4	US-10-115-123-251	Sequence 251, App
916	81.5	6.6	555	4	US-10-800-834-251	Sequence 251, App
917	81.5	6.6	573	6	US-11-150-463-2	Sequence 2, Appli
944	81.5	6.6	574	3	US-09-997-428-340	Sequence 340, App
1452	81.5	6.6	574	4	US-10-174-587-234	Sequence 234, App

Search completed: July 14, 2006, 03:17:11
 Job time : 209 secs

GenCore version 5.1.9
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OM protein - protein search, using sw model1

Run on: July 14, 2006, 03:13:45 ; Search time 29 Seconds

(without alignments)
477.392 Million cell updates/sec

Perfect score: 1242
Sequence: 1 MAALWGFVLLTLTSGD.....SGKSSGSKTKGKAGKRR 242

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 204771 seqs, 57208143 residues

Total number of hits satisfying chosen parameters: 204771

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 1500 summaries

Database :

Published Applications NA New:*
1: /EMC_Celerra_SIDS3/prodata/1/pubppa/US09_NEW_PUB.pdp:*
2: /EMC_Celerra_SIDS3/prodata/1/pubppa/US06_NEW_PUB.pdp:*
3: /EMC_Celerra_SIDS3/prodata/1/pubppa/US07_NEW_PUB.pdp:*
4: /EMC_Celerra_SIDS3/prodata/1/pubppa/US08_NEW_PUB.pdp:*
5: /EMC_Celerra_SIDS3/prodata/1/pubppa/US10_NEW_PUB.pdp:*
6: /EMC_Celerra_SIDS3/prodata/1/pubppa/US11_NEW_PUB.pdp:*
7: /EMC_Celerra_SIDS3/prodata/1/pubppa/US12_NEW_PUB.pdp:*
8: /EMC_Celerra_SIDS3/prodata/1/pubppa/US60_NEW_PUB.pdp:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
2	1242	100.0	242	7	US-11-101-316-136 Sequence 136, App
3	224	18.0	205	6	US-10-449-902-30261 Sequence 30261, A
4	213.5	17.2	201	6	US-10-953-349-28665 Sequence 28665, A
5	213.5	17.2	228	6	US-10-953-349-28665 Sequence 28665, A
6	199.5	16.1	208	6	US-10-953-349-2628 Sequence 2628, App
7	199.5	16.1	210	6	US-10-953-349-2627 Sequence 2627, App
8	100	8.1	113	6	US-10-953-349-2629 Sequence 2629, App
9	87	7.0	511	6	US-10-449-902-52777 Sequence 52777, A
10	85.5	6.9	437	7	US-11-289-102-291 Sequence 291, App
11	83	6.7	419	6	US-10-953-349-8374 Sequence 8374, App
12	83	6.7	424	6	US-10-953-349-8373 Sequence 8373, App
13	83	6.7	460	6	US-10-953-349-8372 Sequence 8372, App
14	82	6.6	715	6	US-10-471-571A-3388 Sequence 3388, App
15	81.5	6.6	358	7	US-11-056-355B-91328 Sequence 91328, A
16	81.5	6.6	358	7	US-11-056-355B-95084 Sequence 95084, A
17	81.5	6.6	368	7	US-11-056-355B-91327 Sequence 91327, A
18	81.5	6.6	368	7	US-11-056-355B-95083 Sequence 95083, A
19	81.5	6.6	428	7	US-11-056-355B-91326 Sequence 91326, A
20	81.5	6.6	428	7	US-11-056-355B-95082 Sequence 95082, A
21	81	6.5	145	6	US-10-449-902-48653 Sequence 48653, A
22	79.5	6.4	256	7	US-11-056-355B-706 Sequence 706, App
23	79.5	6.4	422	6	US-10-449-902-39838 Sequence 39838, A
24	79.5	6.4	323	7	US-11-174-307B-4774 Sequence 4774, App
25	79	6.4	413	6	US-10-953-349-7231 Sequence 7231, App
26	79	6.4	413	6	US-10-953-349-11011 Sequence 11011, A
27	79	6.4	557	6	US-10-953-349-7230 Sequence 7230, App
28	79	6.4	557	6	US-10-953-349-7230 Sequence 7230, App

29	79	6.4	557	6	US-10-953-349-11010 Sequence 11010, A
30	79	6.4	562	6	US-10-953-349-7229 Sequence 7229, App
31	79	6.4	570	6	US-10-953-349-11009 Sequence 11009, A
32	78	6.3	317	6	US-10-471-571A-974 Sequence 974, App
33	78	6.3	423	6	US-10-449-902-43517 Sequence 43517, A
34	78	6.3	430	7	US-11-056-355B-3582 Sequence 3582, App
35	78	6.3	500	6	US-10-953-349-25059 Sequence 25059, A
36	78	6.3	507	6	US-10-953-349-25058 Sequence 25058, A
37	77.5	6.2	289	6	US-10-449-902-50082 Sequence 50082, A
38	77.5	6.2	507	6	US-10-449-902-46178 Sequence 46178, A
39	77	6.2	269	7	US-11-056-355B-72379 Sequence 72379, A
40	77	6.2	334	7	US-11-056-355B-71413 Sequence 71413, A
41	77	6.2	334	7	US-11-056-355B-72378 Sequence 72378, A
42	77	6.2	363	7	US-11-056-355B-71412 Sequence 71412, A
43	77	6.2	379	7	US-11-174-307B-124 Sequence 124, App
44	77	6.2	379	7	US-11-056-355B-72377 Sequence 72377, A
45	77	6.2	381	7	US-11-056-355B-71411 Sequence 71411, A
46	77	6.2	420	7	US-11-056-355B-67549 Sequence 67549, A
47	77	6.2	448	7	US-11-056-355B-67548 Sequence 67548, A
48	76.5	6.2	240	6	US-10-953-349-39952 Sequence 39952, A
49	76.5	6.2	491	6	US-10-449-902-37403 Sequence 37403, A
50	76	6.1	160	7	US-11-056-355B-9354 Sequence 9354, App
51	76	6.1	165	7	US-11-056-355B-9353 Sequence 9353, App
52	76	6.1	465	6	US-10-449-902-50125 Sequence 50125, A
53	76	6.1	485	6	US-10-953-349-25060 Sequence 25060, A
54	75.5	6.1	453	6	US-10-953-349-34240 Sequence 34240, A
55	75.5	6.1	453	6	US-10-953-349-34239 Sequence 34239, A
56	75.5	6.1	502	6	US-10-953-349-31423 Sequence 31423, A
57	75.5	6.1	604	6	US-10-953-349-31148 Sequence 31148, A
58	75	6.0	293	7	US-11-056-355B-3028 Sequence 3028, App
59	75	6.0	296	7	US-11-056-355B-3027 Sequence 3027, App
60	75	6.0	308	7	US-11-056-355B-3026 Sequence 3026, App
61	75	6.0	539	6	US-10-449-902-50636 Sequence 50636, A
62	75	6.0	563	7	US-11-174-307B-4904 Sequence 4904, App
63	75	6.0	617	6	US-10-449-902-59325 Sequence 59325, A
64	74.5	6.0	512	7	US-11-056-355B-78656 Sequence 78656, A
65	74.5	6.0	533	6	US-10-540-311-8 Sequence 311, App1
66	74.5	6.0	875	6	US-10-199-229-10 Sequence 19, App1
67	74	6.0	306	6	US-10-953-349-19617 Sequence 19617, A
68	74	6.0	306	6	US-11-056-355B-58757 Sequence 58757, A
69	74	6.0	317	6	US-10-953-349-19616 Sequence 19616, A
70	74	6.0	317	6	US-11-056-355B-58756 Sequence 58756, A
71	74	6.0	318	6	US-10-953-349-19615 Sequence 19615, A
72	74	6.0	318	7	US-11-056-355B-58755 Sequence 58755, A
73	74	6.0	367	6	US-10-449-902-49073 Sequence 49073, A
74	74	6.0	758	6	US-10-449-902-47994 Sequence 47994, A
75	73.5	5.9	112	7	US-11-056-355B-20297 Sequence 20297, A
76	73.5	5.9	185	6	US-10-449-902-11711 Sequence 11711, A
77	73.5	5.9	185	6	US-10-449-902-32897 Sequence 32897, A
78	73.5	5.9	525	7	US-11-056-355B-73097 Sequence 73097, A
79	73.5	5.9	527	7	US-11-056-355B-73096 Sequence 73096, A
80	73.5	5.9	698	7	US-11-056-355B-73095 Sequence 73095, A
81	73.5	5.9	243	6	US-10-449-902-52895 Sequence 52895, A
82	73	5.9	246	7	US-11-293-697-2996 Sequence 2996, App
83	73	5.9	343	7	US-11-154-977-99 Sequence 99, App1
84	73	5.9	347	7	US-11-056-355B-91136 Sequence 91136, App
85	73	5.9	347	7	US-11-056-355B-94852 Sequence 94852, A
86	73	5.9	506	7	US-11-056-355B-11257 Sequence 11257, A
87	73	5.9	506	7	US-11-056-355B-26541 Sequence 26541, A
88	73	5.9	656	7	US-11-063-697-1611 Sequence 1611, App
89	73	5.9	3487	7	US-11-063-697-162 Sequence 162, App
90	72.5	5.8	147	7	US-11-056-355B-26542 Sequence 26542, A
91	72.5	5.8	147	7	US-11-056-355B-44146 Sequence 44146, A
92	72.5	5.8	147	7	US-11-056-355B-103282 Sequence 103282, A
93	72.5	5.8	147	7	US-11-056-355B-114521 Sequence 114521, A
94	72.5	5.8	147	7	US-11-056-355B-26541 Sequence 26541, A
95	72.5	5.8	186	7	US-11-056-355B-44145 Sequence 44145, A
96	72.5	5.8	186	7	US-11-056-355B-103281 Sequence 103281, A
97	72.5	5.8	186	7	US-11-056-355B-114520 Sequence 114520, A
98	72.5	5.8	243	7	US-11-056-355B-26540 Sequence 26540, A
99	72.5	5.8	243	7	US-11-056-355B-103280 Sequence 103280, A
100	72.5	5.8	243	7	US-11-056-355B-114519 Sequence 114519, A
101	72.5	5.8	295	6	US-10-540-311-9 Sequence 1, App11

102	72.5	5.8	344	6	US-10-953-349-33123	175	70.5	5.7	419	7	US-11-056-355B-110834
103	72.5	5.8	358	6	US-10-953-349-14574	176	70.5	5.7	411	7	US-11-056-355B-4362
104	72.5	5.8	358	7	US-11-056-355B-58893	177	70.5	5.7	449	7	US-11-056-355B-72928
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106	72.5	5.8	368	6	US-10-953-349-14573	179	70.5	5.7	450	7	US-11-056-355B-40889
107	72.5	5.8	368	7	US-11-056-355B-58892	180	70.5	5.7	450	7	US-11-056-355B-99594
108	72.5	5.8	428	6	US-10-953-349-14572	181	70.5	5.7	450	7	US-11-056-355B-110833
109	72.5	5.8	428	7	US-11-056-355B-58891	182	70.5	5.7	485	7	US-11-056-355B-72927
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111	72.5	5.8	631	7	US-11-056-355B-72607	184	70.5	5.7	486	7	US-10-953-355B-40888
112	72.5	5.8	632	7	US-11-174-307B-140	185	70.5	5.7	486	7	US-11-056-355B-99593
113	72.5	5.8	632	7	US-11-056-355B-72606	186	70.5	5.7	486	7	US-11-056-355B-110832
114	72.5	5.8	705	7	US-11-056-355B-98009	187	70.5	5.7	504	6	US-10-953-349-7333
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116	72.5	5.8	249	6	US-10-953-349-37468	189	70.5	5.7	705	7	US-11-056-355B-46466
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121	72.5	5.8	304	7	US-11-056-355B-72268	194	70	5.6	449	7	US-11-056-355B-13616
122	72.5	5.8	308	7	US-11-056-355B-72267	195	70	5.6	535	7	US-11-174-307B-4748
123	72.5	5.8	325	7	US-11-056-355B-72266	196	70	5.6	540	6	US-10-449-902-35278
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131	72.5	5.8	425	7	US-11-056-355B-65244	204	70	5.6	1018	7	US-11-056-355B-73837
132	72.5	5.8	467	7	US-11-056-355B-70629	205	70	5.6	188	6	US-10-953-349-88473
133	72.5	5.8	482	6	US-10-953-349-32745	206	69.5	5.6	188	6	US-11-056-355B-65170
134	72.5	5.8	482	7	US-11-056-355B-65243	207	69.5	5.6	188	7	US-10-449-902-29061
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136	72.5	5.8	955	6	US-10-449-902-11322	209	69.5	5.6	212	6	US-11-056-355B-73839
137	72.5	5.8	1605	7	US-11-056-355B-88407	210	69.5	5.6	304	6	US-10-449-902-8810
138	72.5	5.8	1605	7	US-11-056-355B-92163	211	69.5	5.6	450	7	US-10-713-648A-68
139	72.5	5.8	1646	7	US-11-056-355B-88406	212	69.5	5.6	552	6	US-11-121-154-193
140	72.5	5.8	1646	7	US-11-056-355B-92162	213	69.5	5.6	627	6	US-10-449-902-28421
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142	72.5	5.8	1773	7	US-11-056-355B-92161	215	69.5	5.6	862	6	US-10-199-229-14
143	72.5	5.8	264	7	US-11-354-653-10	216	69.5	5.6	879	6	US-10-449-902-33345
144	72.5	5.8	306	6	US-10-449-902-46183	217	69.5	5.6	1406	7	US-11-263-326-171
145	72.5	5.8	331	6	US-10-953-349-33124	218	69.5	5.6	1466	6	US-10-985-570-1
146	72.5	5.8	331	6	US-10-449-902-32293	219	69.5	5.6	1466	7	US-11-105-233-44
147	72.5	5.8	340	6	US-10-953-349-18392	220	69.5	5.6	1466	7	US-11-105-233-167
148	72.5	5.8	340	7	US-11-056-355B-53873	221	69.5	5.6	1795	7	US-11-263-326-124
149	72.5	5.8	408	6	US-10-953-349-18391	222	69.5	5.6	1855	7	US-11-263-326-125
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152	72.5	5.8	445	7	US-11-056-355B-53871	225	69.5	5.6	2009	7	US-11-263-326-2
153	72.5	5.8	865	6	US-10-449-902-45659	226	69.5	5.6	2009	7	US-11-263-326-6
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158	72.5	5.7	268	7	US-11-056-355B-98877	231	69.5	5.6	2009	7	US-11-263-326-122
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161	72.5	5.7	324	7	US-11-056-355B-98876	234	69.5	5.6	2009	7	US-11-263-326-127
162	72.5	5.7	324	7	US-11-056-355B-110115	235	69.5	5.6	2009	7	US-11-263-326-167
163	72.5	5.7	401	7	US-11-056-355B-23831	236	69.5	5.6	2009	7	US-11-263-326-168
164	72.5	5.7	406	7	US-11-056-355B-98875	237	69.5	5.6	2009	7	US-11-263-326-169
165	72.5	5.7	406	7	US-11-056-355B-110114	238	69.5	5.6	2009	7	US-11-263-326-170
166	72.5	5.7	304	7	US-11-056-355B-12555	239	69.5	5.6	2009	7	US-11-263-326-172
167	72.5	5.7	310	6	US-10-449-902-41117	240	69.5	5.6	202	7	US-11-056-355B-61921
168	72.5	5.7	312	6	US-10-953-349-36569	241	69	5.6	243	7	US-11-056-355B-61920
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170	72.5	5.7	350	6	US-10-449-902-36477	243	69	5.6	289	7	US-11-056-355B-66624
171	72.5	5.7	388	7	US-11-056-355B-12554	244	69	5.6	315	6	US-10-471-571A-1458
172	72.5	5.7	412	7	US-11-056-355B-12553	245	69	5.6	355	7	US-11-056-355B-95816
173	72.5	5.7	419	7	US-11-056-355B-72929	246	69	5.6	358	7	US-11-056-355B-95815
174	72.5	5.7	419	7	US-11-056-355B-99595	247	69	5.6	358	7	US-11-056-355B-95815

Sequence 33123, A	Sequence 110834, A
Sequence 14574, A	Sequence 4362, Ap
Sequence 58893, A	Sequence 72928, A
Sequence 82829, A	Sequence 7335, Ap
Sequence 14573, A	Sequence 40889, A
Sequence 58892, A	Sequence 99594, A
Sequence 14572, A	Sequence 110833, A
Sequence 58891, A	Sequence 72927, A
Sequence 72608, A	Sequence 7334, Ap
Sequence 72607, A	Sequence 40888, A
Sequence 140, App	Sequence 99593, A
Sequence 72606, A	Sequence 110832, A
Sequence 98009, A	Sequence 7333, Ap
Sequence 109248, A	Sequence 40887, A
Sequence 37468, A	Sequence 4466, A
Sequence 5356, Ap	Sequence 43402, A
Sequence 10163, A	Sequence 43402, A
Sequence 37467, A	Sequence 1618, A
Sequence 10162, A	Sequence 13617, A
Sequence 72268, A	Sequence 12616, A
Sequence 72267, A	Sequence 4748, Ap
Sequence 72266, A	Sequence 35278, A
Sequence 85111, A	Sequence 54146, A
Sequence 85110, A	Sequence 38102, A
Sequence 85109, A	Sequence 46839, A
Sequence 32747, A	Sequence 82051, A
Sequence 65245, A	Sequence 78337, A
Sequence 16, App1	Sequence 28473, A
Sequence 32746, A	Sequence 28473, A
Sequence 65244, A	Sequence 28473, A
Sequence 70629, A	Sequence 28473, A
Sequence 32745, A	Sequence 28473, A
Sequence 70628, A	Sequence 28473, A
Sequence 41322, A	Sequence 28473, A
Sequence 88407, A	Sequence 28473, A
Sequence 92163, A	Sequence 28473, A
Sequence 88406, A	Sequence 28473, A
Sequence 92162, A	Sequence 28473, A
Sequence 88405, A	Sequence 28473, A
Sequence 92161, A	Sequence 28473, A
Sequence 30, App1	Sequence 28473, A
Sequence 46183, A	Sequence 28473, A
Sequence 33124, A	Sequence 28473, A
Sequence 32293, A	Sequence 28473, A
Sequence 18392, A	Sequence 28473, A
Sequence 53873, A	Sequence 28473, A
Sequence 18391, A	Sequence 28473, A
Sequence 53872, A	Sequence 28473, A
Sequence 18390, A	Sequence 28473, A
Sequence 53871, A	Sequence 28473, A
Sequence 45659, A	Sequence 28473, A
Sequence 54509, A	Sequence 28473, A
Sequence 44069, A	Sequence 28473, A
Sequence 261, App	Sequence 28473, A
Sequence 23833, A	Sequence 28473, A
Sequence 98877, A	Sequence 28473, A
Sequence 110116, A	Sequence 28473, A
Sequence 23832, A	Sequence 28473, A
Sequence 98876, A	Sequence 28473, A
Sequence 110115, A	Sequence 28473, A
Sequence 23831, A	Sequence 28473, A
Sequence 98875, A	Sequence 28473, A
Sequence 110114, A	Sequence 28473, A
Sequence 12555, A	Sequence 28473, A
Sequence 44117, A	Sequence 28473, A
Sequence 36569, A	Sequence 28473, A
Sequence 36567, A	Sequence 28473, A
Sequence 36477, A	Sequence 28473, A
Sequence 12554, A	Sequence 28473, A
Sequence 12553, A	Sequence 28473, A
Sequence 72929, A	Sequence 28473, A
Sequence 99595, A	Sequence 28473, A

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252	69	5.6	656	6	US-10-449-902-53611	Sequence 53611, A	325	67.5	5.4	523	6	US-10-449-902-53421	Sequence 53421, A
253	69	5.6	707	7	US-11-121-154-164	Sequence 164, App	326	67.5	5.4	534	6	US-10-449-902-44050	Sequence 44050, A
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256	69	5.6	879	7	US-11-293-697-3099	Sequence 3099, App	329	67.5	5.4	709	6	US-10-449-902-52735	Sequence 52735, A
257	69	5.6	933	7	US-11-121-154-178	Sequence 178, App	330	67.5	5.4	864	6	US-10-953-349-9928	Sequence 9928, App
258	69	5.6	941	7	US-11-056-355B-72901	Sequence 72901, A	331	67.5	5.4	866	6	US-10-953-349-9927	Sequence 9927, App
259	69	5.6	1009	6	US-10-449-902-42923	Sequence 42923, A	332	67.5	5.4	951	6	US-10-953-349-9926	Sequence 9926, App
260	69	5.6	3496	7	US-11-063-439-125	Sequence 125, App	333	67.5	5.4	2627	6	US-10-547-530-5	Sequence 5, App11
261	68.5	5.5	218	6	US-10-953-349-22149	Sequence 22149, A	334	67	5.4	224	6	US-10-449-902-34709	Sequence 34709, A
262	68.5	5.5	218	7	US-11-056-355B-56987	Sequence 56987, A	335	67	5.4	225	7	US-11-056-355B-16535	Sequence 16535, A
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267	68.5	5.5	306	7	US-11-056-355B-13195	Sequence 13195, A	340	67	5.4	356	6	US-10-953-349-38553	Sequence 38553, A
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269	68.5	5.5	342	7	US-11-056-355B-13194	Sequence 13194, A	342	67	5.4	383	7	US-11-056-355B-16533	Sequence 16533, A
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271	68.5	5.5	374	6	US-10-953-349-9396	Sequence 9396, App	344	67	5.4	424	6	US-10-449-902-37326	Sequence 37326, A
272	68.5	5.5	377	6	US-10-449-902-52173	Sequence 52173, A	345	67	5.4	424	6	US-10-449-902-55177	Sequence 55177, A
273	68.5	5.5	398	6	US-10-953-349-9395	Sequence 9395, App	346	67	5.4	464	6	US-10-449-902-52339	Sequence 52339, A
274	68.5	5.5	398	7	US-11-056-355B-76703	Sequence 76703, A	347	67	5.4	465	6	US-10-449-902-52362	Sequence 52362, A
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276	68.5	5.5	401	7	US-11-056-355B-76702	Sequence 76702, A	349	67	5.4	484	7	US-11-056-355B-10823	Sequence 10823, A
277	68.5	5.5	410	7	US-11-056-355B-76701	Sequence 76701, A	350	67	5.4	504	6	US-10-953-349-5790	Sequence 5790, App
278	68.5	5.5	485	6	US-10-449-902-52781	Sequence 52781, A	351	67	5.4	504	7	US-11-056-355B-39781	Sequence 39781, A
279	68.5	5.5	494	6	US-10-449-902-51468	Sequence 51468, A	352	67	5.4	504	7	US-11-056-355B-78314	Sequence 78314, A
280	68.5	5.5	607	6	US-10-449-902-43494	Sequence 43494, A	353	67	5.4	511	7	US-11-121-154-96	Sequence 96, App1
281	68.5	5.5	959	6	US-10-449-902-45072	Sequence 45072, A	354	67	5.4	516	6	US-10-449-902-33653	Sequence 33653, A
282	68	5.5	172	6	US-10-953-349-40075	Sequence 40075, A	355	67	5.4	560	6	US-10-449-902-55779	Sequence 55779, A
283	68	5.5	256	6	US-11-056-355B-35302	Sequence 35302, A	356	67	5.4	577	6	US-10-449-902-38621	Sequence 38621, A
284	68	5.5	257	6	US-10-449-902-56568	Sequence 56568, A	357	67	5.4	580	6	US-10-953-349-5789	Sequence 5789, App
285	68	5.5	422	6	US-10-449-902-45618	Sequence 45618, A	358	67	5.4	580	7	US-11-056-355B-39780	Sequence 39780, A
286	68	5.5	439	6	US-10-449-902-46885	Sequence 46885, A	359	67	5.4	580	7	US-11-056-355B-78313	Sequence 78313, A
287	68	5.5	445	6	US-10-953-349-10690	Sequence 10690, A	360	67	5.4	594	6	US-10-953-349-9788	Sequence 9788, App
288	68	5.5	490	6	US-10-449-902-46768	Sequence 46768, A	361	67	5.4	594	7	US-11-056-355B-39779	Sequence 39779, A
289	68	5.5	501	7	US-11-056-355B-41589	Sequence 41589, A	362	67	5.4	594	7	US-11-056-355B-78312	Sequence 78312, A
290	68	5.5	501	7	US-11-056-355B-77987	Sequence 77987, A	363	67	5.4	665	6	US-10-449-902-47070	Sequence 47070, A
291	68	5.5	514	6	US-10-953-349-24472	Sequence 24472, A	364	67	5.4	900	6	US-10-839-442A-22	Sequence 22, App1
292	68	5.5	514	7	US-11-056-355B-57174	Sequence 57174, A	365	67	5.4	1083	7	US-11-293-697-3674	Sequence 3674, App
293	68	5.5	524	7	US-11-056-355B-77986	Sequence 77986, A	366	66.5	5.4	148	6	US-10-449-902-32094	Sequence 32094, A
294	68	5.5	526	7	US-11-056-355B-41588	Sequence 41588, A	367	66.5	5.4	148	6	US-10-449-902-44826	Sequence 44826, A
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296	68	5.5	550	7	US-11-056-355B-82017	Sequence 82017, A	369	66.5	5.4	184	7	US-11-056-355B-86696	Sequence 86696, A
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298	68	5.5	658	7	US-11-056-355B-82016	Sequence 82016, A	371	66.5	5.4	277	7	US-11-319-902-45	Sequence 45, App1
299	68	5.5	675	7	US-11-056-355B-82015	Sequence 82015, A	372	66.5	5.4	305	6	US-10-449-902-30954	Sequence 30954, A
300	68	5.5	738	7	US-11-273-537-33	Sequence 33, App1	373	66.5	5.4	305	6	US-10-449-902-32481	Sequence 32481, A
301	68	5.5	778	7	US-11-056-355B-87772	Sequence 87772, A	374	66.5	5.4	305	6	US-10-449-902-33152	Sequence 33152, A
302	68	5.5	896	7	US-11-056-355B-87771	Sequence 87771, A	375	66.5	5.4	305	6	US-10-449-902-38799	Sequence 38799, A
303	68	5.5	902	7	US-11-056-355B-87770	Sequence 87770, A	376	66.5	5.4	305	6	US-10-449-902-48979	Sequence 48979, A
304	68	5.5	943	6	US-10-449-902-52181	Sequence 52181, A	377	66.5	5.4	322	7	US-11-056-355B-86695	Sequence 86695, A
305	68	5.5	1428	6	US-11-299-791-22	Sequence 22, App1	378	66.5	5.4	384	6	US-10-449-902-29136	Sequence 29136, A
306	67.5	5.4	173	6	US-10-449-902-46082	Sequence 46082, A	379	66.5	5.4	333	6	US-10-449-902-30947	Sequence 30947, A
307	67.5	5.4	185	6	US-10-449-902-37585	Sequence 37585, A	380	66.5	5.4	350	6	US-10-449-902-46058	Sequence 46058, A
308	67.5	5.4	185	6	US-10-449-902-56604	Sequence 56604, A	381	66.5	5.4	350	6	US-11-056-355B-44747	Sequence 44747, A
309	67.5	5.4	240	7	US-11-056-355B-21830	Sequence 21830, A	382	66.5	5.4	359	6	US-10-953-349-31261	Sequence 31261, A
310	67.5	5.4	240	7	US-11-056-355B-99688	Sequence 99688, A	383	66.5	5.4	359	7	US-11-056-355B-67426	Sequence 67426, A
311	67.5	5.4	240	7	US-11-056-355B-110937	Sequence 110937, A	384	66.5	5.4	384	6	US-10-449-902-92947	Sequence 92947, A
312	67.5	5.4	290	6	US-10-471-571A-1354	Sequence 1354, App	385	66.5	5.4	394	6	US-10-449-902-87801	Sequence 87801, A
313	67.5	5.4	353	6	US-10-449-902-33385	Sequence 33385, A	386	66.5	5.4	414	6	US-10-449-902-12009	Sequence 12009, A
314	67.5	5.4	354	6	US-10-449-902-40808	Sequence 40808, A	387	66.5	5.4	422	6	US-10-449-902-32648	Sequence 32648, A
315	67.5	5.4	358	7	US-11-056-355B-90267	Sequence 90267, A	388	66.5	5.4	430	6	US-10-449-902-33007	Sequence 33007, A
316	67.5	5.4	358	7	US-11-056-355B-94023	Sequence 94023, A	389	66.5	5.4	470	6	US-10-953-349-31280	Sequence 31280, A
317	67.5	5.4	368	7	US-11-056-355B-90266	Sequence 90266, A	390	66.5	5.4	470	6	US-11-056-355B-67425	Sequence 67425, A
318	67.5	5.4	368	7	US-11-056-355B-94022	Sequence 94022, A	391	66.5	5.4	492	6	US-10-953-349-91279	Sequence 91279, A
319	67.5	5.4	428	7	US-11-056-355B-90265	Sequence 90265, A	392	66.5	5.4	492	6	US-11-056-355B-67424	Sequence 67424, A
320	67.5	5.4	428	7	US-11-056-355B-94021	Sequence 94021, A	393	66.5	5.4	494	6	US-10-449-902-36798	Sequence 36798, A

394	66.5	5.4	494	6	US-10-449-902-46106	Sequence 46106, A	467	65.5	5.3	377	7	US-11-056-3558-90700	Sequence 90700, A
395	66.5	5.4	533	6	US-10-449-902-39997	Sequence 39997, A	468	65.5	5.3	376	7	US-11-056-3558-94456	Sequence 94456, A
396	66.5	5.4	563	6	US-10-953-349-1812	Sequence 1812, Ap	469	65.5	5.3	395	7	US-11-056-3558-80527	Sequence 80527, A
397	66.5	5.4	610	7	US-11-056-3558-76995	Sequence 76995, A	470	65.5	5.3	397	7	US-11-056-3558-36782	Sequence 36782, A
398	66.5	5.4	610	7	US-11-056-3558-95961	Sequence 95961, A	471	65.5	5.3	444	7	US-11-056-3558-36781	Sequence 36781, A
399	66.5	5.4	612	6	US-10-449-902-87628	Sequence 87628, A	472	65.5	5.3	499	6	US-10-449-902-48980	Sequence 48980, A
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401	66.5	5.4	657	7	US-11-056-3558-95960	Sequence 95960, A	474	65.5	5.3	491	7	US-11-056-3558-94455	Sequence 94455, A
402	66.5	5.4	718	7	US-11-056-3558-76993	Sequence 76993, A	475	65.5	5.3	566	7	US-11-056-3558-106464	Sequence 106464, A
403	66.5	5.4	718	7	US-11-056-3558-95959	Sequence 95959, A	476	65.5	5.3	566	7	US-11-056-3558-117703	Sequence 117703, A
404	66.5	5.4	779	7	US-11-293-697-3293	Sequence 3293, Ap	477	65.5	5.3	562	6	US-10-449-902-47944	Sequence 47944, A
405	66.5	5.4	1080	7	US-11-273-537-81	Sequence 21, Appl	478	65.5	5.3	568	6	US-10-449-902-52135	Sequence 52135, A
406	66.5	5.4	1212	6	US-10-449-902-66235	Sequence 46235, A	479	65.5	5.3	575	7	US-11-056-3558-108463	Sequence 108463, A
407	66.5	5.4	3882	6	US-10-953-349-5549	Sequence 5549, Ap	480	65.5	5.3	576	7	US-11-056-3558-117702	Sequence 117702, A
408	66.5	5.4	3978	6	US-10-953-349-5548	Sequence 5548, Ap	481	65.5	5.3	576	7	US-11-056-3558-70333	Sequence 70333, A
409	66.5	5.4	4118	6	US-10-953-349-5547	Sequence 5547, Ap	482	65.5	5.3	615	7	US-11-056-3558-106462	Sequence 106462, A
410	66	5.3	248	7	US-11-056-3558-56551	Sequence 56551, A	483	65.5	5.3	615	7	US-11-056-3558-117701	Sequence 117701, A
411	66	5.3	277	7	US-11-056-3558-89762	Sequence 89762, A	484	65.5	5.3	615	7	US-11-056-3558-70332	Sequence 70332, A
412	66	5.3	277	7	US-11-056-3558-93518	Sequence 93518, A	485	65.5	5.3	684	7	US-11-056-3558-72743	Sequence 72743, A
413	66	5.3	290	7	US-11-056-3558-56550	Sequence 56550, A	486	65.5	5.3	687	7	US-11-056-3558-72743	Sequence 72743, A
414	66	5.3	291	7	US-11-056-3558-42006	Sequence 42006, A	487	65.5	5.3	925	7	US-11-056-3558-70331	Sequence 70331, A
415	66	5.3	291	7	US-11-056-3558-71910	Sequence 71910, A	488	65.5	5.3	1674	6	US-10-511-937-2587	Sequence 2587, Ap
416	66	5.3	291	7	US-11-056-3558-76325	Sequence 76325, A	489	65	5.2	149	7	US-11-056-3558-12974	Sequence 12974, A
417	66	5.3	291	7	US-11-056-3558-102340	Sequence 102340, A	490	65	5.2	162	6	US-10-449-902-35020	Sequence 35020, A
418	66	5.3	291	7	US-11-056-3558-113579	Sequence 113579, A	491	65	5.2	212	7	US-11-056-3558-22859	Sequence 22859, A
419	66	5.3	291	7	US-11-056-3558-42005	Sequence 42005, A	492	65	5.2	216	6	US-10-953-349-25162	Sequence 25162, A
420	66	5.3	304	7	US-11-056-3558-71909	Sequence 71909, A	493	65	5.2	216	7	US-11-056-3558-57298	Sequence 57298, A
421	66	5.3	304	7	US-11-056-3558-76324	Sequence 76324, A	494	65	5.2	224	7	US-11-056-3558-5131	Sequence 5131, Ap
422	66	5.3	304	7	US-11-056-3558-102339	Sequence 102339, A	495	65	5.2	225	7	US-11-056-3558-22858	Sequence 22858, A
423	66	5.3	304	7	US-11-056-3558-113578	Sequence 113578, A	496	65	5.2	245	6	US-10-449-902-45791	Sequence 45791, A
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425	66	5.3	320	7	US-11-056-3558-100942	Sequence 100942, A	498	65	5.2	250	7	US-11-056-3558-5130	Sequence 5130, Ap
426	66	5.3	320	7	US-11-056-3558-112181	Sequence 112181, A	499	65	5.2	263	7	US-11-056-3558-22857	Sequence 22857, A
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428	66	5.3	342	7	US-11-056-3558-42004	Sequence 42004, A	501	65	5.2	289	6	US-10-953-349-22271	Sequence 22271, A
429	66	5.3	342	7	US-11-056-3558-71908	Sequence 71908, A	502	65	5.2	289	6	US-11-056-3558-60454	Sequence 60454, A
430	66	5.3	342	7	US-11-056-3558-76323	Sequence 76323, A	503	65	5.2	289	7	US-11-056-3558-5129	Sequence 5129, Ap
431	66	5.3	342	7	US-11-056-3558-102338	Sequence 102338, A	504	65	5.2	311	7	US-10-449-902-35279	Sequence 35279, A
432	66	5.3	342	7	US-11-056-3558-113577	Sequence 113577, A	505	65	5.2	332	6	US-10-449-902-55279	Sequence 55279, A
433	66	5.3	354	6	US-10-449-902-45027	Sequence 45027, A	506	65	5.2	343	7	US-11-056-3558-5121	Sequence 5121, Ap
434	66	5.3	362	7	US-11-056-3558-89761	Sequence 89761, A	507	65	5.2	350	7	US-11-056-3558-3438	Sequence 3438, Ap
435	66	5.3	362	7	US-11-056-3558-93517	Sequence 93517, A	508	65	5.2	371	7	US-11-056-3558-72194	Sequence 72194, A
436	66	5.3	365	7	US-11-056-3558-89760	Sequence 89760, A	509	65	5.2	371	7	US-11-056-3558-72172	Sequence 72172, A
437	66	5.3	365	7	US-11-056-3558-93516	Sequence 93516, A	510	65	5.2	397	7	US-11-056-3558-71793	Sequence 71793, A
438	66	5.3	451	6	US-10-953-349-36465	Sequence 36465, A	511	65	5.2	397	7	US-11-056-3558-72173	Sequence 72173, A
439	66	5.3	469	6	US-10-953-349-36464	Sequence 36464, A	512	65	5.2	432	6	US-10-449-902-37640	Sequence 37640, A
440	66	5.3	477	6	US-10-449-902-49143	Sequence 49143, A	513	65	5.2	432	6	US-10-449-902-54770	Sequence 54770, A
441	66	5.3	489	7	US-11-056-3558-100941	Sequence 100941, A	514	65	5.2	432	6	US-10-449-902-55414	Sequence 55414, A
442	66	5.3	489	7	US-11-056-3558-112180	Sequence 112180, A	515	65	5.2	438	6	US-11-056-3558-41590	Sequence 41590, A
443	66	5.3	498	7	US-11-056-3558-100940	Sequence 100940, A	516	65	5.2	455	7	US-11-056-3558-72172	Sequence 72172, A
444	66	5.3	498	7	US-11-056-3558-112179	Sequence 112179, A	517	65	5.2	473	7	US-11-056-3558-13756	Sequence 13756, A
445	66	5.3	504	6	US-10-449-902-55734	Sequence 55734, A	518	65	5.2	473	7	US-11-056-3558-73155	Sequence 73155, A
446	66	5.3	520	6	US-10-449-902-38507	Sequence 38507, A	519	65	5.2	479	7	US-11-174-3078-104	Sequence 104, App
447	66	5.3	525	6	US-10-449-902-47402	Sequence 47402, A	520	65	5.2	479	7	US-11-056-3558-71792	Sequence 71792, A
448	66	5.3	574	6	US-11-121-154-49	Sequence 49, Appl	521	65	5.2	487	7	US-11-056-3558-79676	Sequence 79676, A
449	66	5.3	575	6	US-10-953-349-6447	Sequence 6447, Ap	522	65	5.2	498	7	US-11-056-3558-79675	Sequence 79675, A
450	66	5.3	627	6	US-10-953-349-6446	Sequence 6446, Ap	523	65	5.2	508	7	US-11-056-3558-79674	Sequence 79674, A
451	66	5.3	664	6	US-10-953-349-6445	Sequence 6445, Ap	524	65	5.2	547	6	US-10-449-902-37375	Sequence 37375, A
452	66	5.3	1134	6	US-10-449-902-51943	Sequence 51943, A	525	65	5.2	555	6	US-10-953-349-9774	Sequence 9774, Ap
453	66	5.3	1176	7	US-11-273-537-19	Sequence 19, Appl	526	65	5.2	557	6	US-11-056-3558-13754	Sequence 13754, A
454	65.5	5.3	196	7	US-11-056-3558-2779	Sequence 2779, Ap	527	65	5.2	559	7	US-10-449-902-88786	Sequence 88786, A
455	65.5	5.3	196	7	US-11-056-3558-7300	Sequence 7300, Ap	528	65	5.2	562	6	US-10-953-349-9773	Sequence 9773, Ap
456	65.5	5.3	224	6	US-10-449-902-53727	Sequence 53727, Ap	529	65	5.2	567	6	US-10-953-349-9772	Sequence 9772, Ap
457	65.5	5.3	248	6	US-10-953-349-26489	Sequence 26489, A	530	65	5.2	731	7	US-11-056-3558-46762	Sequence 46762, A
458	65.5	5.3	248	6	US-10-953-349-26489	Sequence 26489, A	531	65	5.2	731	7	US-11-056-3558-46761	Sequence 46761, A
459	65.5	5.3	255	7	US-11-056-3558-2777	Sequence 2777, Ap	532	65	5.2	803	7	US-11-056-3558-46760	Sequence 46760, A
460	65.5	5.3	255	7	US-11-056-3558-7298	Sequence 7298, Ap	533	65	5.2	836	6	US-10-509-131-35	Sequence 35, Appl
461	65.5	5.3	267	6	US-11-056-3558-7298	Sequence 32944, Ap	534	65	5.2	836	6	US-11-293-697-7700	Sequence 7700, Ap
462	65.5	5.3	318	6	US-10-531-973-2	Sequence 2, Appl	535	65	5.2	926	6	US-10-449-902-56118	Sequence 56118, A
463	65.5	5.3	331	6	US-10-449-902-47860	Sequence 47860, A	536	65	5.2	926	6	US-10-511-455-2	Sequence 25, Appl
464	65.5	5.3	338	7	US-11-056-3558-3583	Sequence 3583, Ap	537	65	5.2	3466	7	US-11-063-439-253	Sequence 253, App
465	65.5	5.3	365	7	US-11-056-3558-90701	Sequence 90701, A	538	65	5.2	3466	7	US-11-063-439-165	Sequence 165, App
466	65.5	5.3	365	7	US-11-056-3558-94457	Sequence 94457, A	539	64.5	5.2	176	7	US-11-056-3558-1240	Sequence 1240, Ap

540	64.5	5.2	195	6	US-10-953-349-23803	Sequence 23803, A	613	64.5	5.2	3496	7	US-11-063-439-123	Sequence 123, App
541	64.5	5.2	201	6	US-10-449-902-28923	Sequence 28923, A	614	64.5	5.2	3496	7	US-11-063-439-151	Sequence 151, App
542	64.5	5.2	206	6	US-10-953-349-16934	Sequence 16934, A	615	64.5	5.2	3496	7	US-11-063-439-237	Sequence 237, App
543	64.5	5.2	217	6	US-10-953-349-23802	Sequence 23802, A	616	64.5	5.2	3497	7	US-11-063-439-172	Sequence 172, App
544	64.5	5.2	223	6	US-10-953-349-23801	Sequence 23801, A	617	64.5	5.2	3497	7	US-11-063-439-180	Sequence 180, App
545	64.5	5.2	223	6	US-11-056-355B-56552	Sequence 56552, A	618	64.5	5.2	3498	7	US-11-063-439-164	Sequence 164, App
546	64.5	5.2	259	6	US-10-953-349-32850	Sequence 32850, A	619	64.5	5.2	3498	7	US-11-063-439-116	Sequence 116, App
547	64.5	5.2	259	6	US-11-056-355B-5533	Sequence 5533, App	620	64.5	5.2	3499	7	US-11-063-439-110	Sequence 110, App
548	64.5	5.2	260	7	US-11-056-355B-88908	Sequence 88908, A	621	64.5	5.2	3500	7	US-11-063-439-218	Sequence 218, App
549	64.5	5.2	260	7	US-11-056-355B-92664	Sequence 92664, A	622	64.5	5.2	3500	7	US-11-063-439-140	Sequence 140, App
550	64.5	5.2	276	6	US-10-953-349-16933	Sequence 16933, A	623	64.5	5.2	3503	7	US-11-063-439-214	Sequence 214, App
551	64.5	5.2	280	6	US-10-953-349-16932	Sequence 16932, A	624	64.5	5.2	3503	7	US-11-063-439-225	Sequence 225, App
552	64.5	5.2	284	7	US-11-056-355B-88907	Sequence 88907, A	625	64.5	5.2	3503	7	US-11-063-439-192	Sequence 192, App
553	64.5	5.2	284	7	US-11-056-355B-92663	Sequence 92663, A	626	64.5	5.2	3504	7	US-11-063-439-131	Sequence 131, App
554	64.5	5.2	289	6	US-10-953-349-32849	Sequence 32849, A	627	64.5	5.2	3507	7	US-11-063-439-196	Sequence 196, App
555	64.5	5.2	289	7	US-11-056-355B-5532	Sequence 5532, App	628	64.5	5.2	3508	7	US-11-063-439-166	Sequence 166, App
556	64.5	5.2	298	7	US-11-056-355B-88906	Sequence 88906, A	629	64.5	5.2	3508	7	US-11-063-439-168	Sequence 168, App
557	64.5	5.2	298	7	US-11-056-355B-92662	Sequence 92662, A	630	64.5	5.2	3508	7	US-11-063-439-254	Sequence 254, App
558	64.5	5.2	368	6	US-10-953-349-11599	Sequence 11599, A	631	64.5	5.2	3510	7	US-11-063-439-233	Sequence 233, App
559	64.5	5.2	378	6	US-10-953-349-11598	Sequence 11598, A	632	64.5	5.2	3524	7	US-11-063-439-179	Sequence 179, App
560	64.5	5.2	390	6	US-10-449-902-29068	Sequence 29068, A	633	64.5	5.2	3531	7	US-11-063-439-139	Sequence 139, App
561	64.5	5.2	404	6	US-10-449-902-34827	Sequence 34827, A	634	64.5	5.2	3541	7	US-11-063-439-229	Sequence 229, App
562	64.5	5.2	404	6	US-11-056-355B-82917	Sequence 82917, A	635	64.5	5.2	3551	7	US-11-063-439-238	Sequence 238, App
563	64.5	5.2	409	6	US-10-449-902-44865	Sequence 44865, A	636	64.5	5.2	3552	7	US-11-063-439-192	Sequence 192, App
564	64.5	5.2	450	7	US-11-056-355B-2151	Sequence 2151, App	637	64.5	5.2	3657	7	US-11-063-439-129	Sequence 129, App
565	64.5	5.2	463	6	US-10-449-902-45220	Sequence 45220, A	638	64	5.2	157	6	US-10-449-902-39201	Sequence 39201, A
566	64.5	5.2	463	6	US-11-056-355B-82916	Sequence 82916, A	639	64	5.2	172	7	US-11-293-697-3506	Sequence 3506, App
567	64.5	5.2	502	6	US-10-511-937-3008	Sequence 3008, App	640	64	5.2	194	6	US-10-449-902-30155	Sequence 30155, App
568	64.5	5.2	523	7	US-11-056-355B-82915	Sequence 82915, A	641	64	5.2	194	6	US-10-449-902-11551	Sequence 11551, App
569	64.5	5.2	575	6	US-10-471-571A-2374	Sequence 2374, App	642	64	5.2	221	6	US-10-471-571A-2374	Sequence 2374, App
570	64.5	5.2	633	6	US-10-953-349-6744	Sequence 6744, App	643	64	5.2	259	7	US-11-056-355B-55595	Sequence 55595, A
571	64.5	5.2	633	7	US-11-056-355B-39135	Sequence 39135, A	644	64	5.2	264	6	US-10-449-902-10711	Sequence 10711, A
572	64.5	5.2	633	7	US-11-056-355B-87612	Sequence 87612, A	645	64	5.2	264	6	US-10-449-902-47375	Sequence 47375, A
573	64.5	5.2	750	7	US-11-121-154-115	Sequence 11, App1	646	64	5.2	313	6	US-10-449-902-40539	Sequence 40539, A
574	64.5	5.2	768	6	US-10-449-902-45324	Sequence 45324, A	647	64	5.2	357	6	US-10-449-902-45023	Sequence 45023, A
575	64.5	5.2	860	6	US-11-141-691-32	Sequence 32, App1	648	64	5.2	358	6	US-10-953-349-10913	Sequence 10913, A
576	64.5	5.2	889	6	US-10-449-902-35078	Sequence 35078, A	649	64	5.2	367	6	US-10-953-349-10912	Sequence 10912, A
577	64.5	5.2	889	6	US-10-449-902-41050	Sequence 41050, A	650	64	5.2	391	6	US-10-953-349-10911	Sequence 10911, A
578	64.5	5.2	1049	7	US-11-056-355B-86066	Sequence 86066, A	651	64	5.2	413	7	US-11-056-355B-58825	Sequence 58825, A
579	64.5	5.2	1075	7	US-11-056-355B-86065	Sequence 86065, A	652	64	5.2	420	6	US-10-449-902-33583	Sequence 33583, A
580	64.5	5.2	1079	7	US-11-056-355B-69493	Sequence 69493, A	653	64	5.2	424	6	US-10-449-902-15884	Sequence 15884, A
581	64.5	5.2	1105	7	US-11-056-355B-69492	Sequence 69492, A	654	64	5.2	433	6	US-10-953-349-19009	Sequence 19009, A
582	64.5	5.2	1141	7	US-11-056-355B-86064	Sequence 86064, A	655	64	5.2	439	6	US-10-449-902-12941	Sequence 12941, A
583	64.5	5.2	1141	7	US-11-056-355B-69491	Sequence 69491, A	656	64	5.2	441	6	US-10-953-349-19008	Sequence 19008, A
584	64.5	5.2	1422	7	US-11-063-439-227	Sequence 227, App	657	64	5.2	442	7	US-11-056-355B-58824	Sequence 58824, A
585	64.5	5.2	2636	7	US-11-063-439-249	Sequence 249, App	658	64	5.2	469	6	US-10-449-902-55448	Sequence 55448, A
586	64.5	5.2	2676	7	US-11-063-439-223	Sequence 223, App	659	64	5.2	470	6	US-10-449-902-54228	Sequence 54228, A
587	64.5	5.2	3317	7	US-11-063-439-157	Sequence 157, App	660	64	5.2	516	6	US-10-449-902-47156	Sequence 47156, A
588	64.5	5.2	3462	7	US-11-063-439-217	Sequence 217, App	661	64	5.2	543	7	US-11-140-450-14	Sequence 34, App1
589	64.5	5.2	3463	7	US-11-063-439-250	Sequence 250, App	662	64	5.2	638	6	US-10-449-902-33190	Sequence 33190, App
590	64.5	5.2	3467	7	US-11-063-439-127	Sequence 127, App	663	64	5.2	638	6	US-10-511-937-3593	Sequence 3593, App
591	64.5	5.2	3471	7	US-11-063-439-256	Sequence 256, App	664	64	5.2	769	7	US-11-121-154-88	Sequence 88, App1
592	64.5	5.2	3472	7	US-11-063-439-243	Sequence 243, App	665	64	5.2	880	7	US-11-056-355B-25414	Sequence 25414, A
593	64.5	5.2	3475	7	US-11-063-439-210	Sequence 210, App	666	64	5.2	888	7	US-11-056-355B-25413	Sequence 25413, A
594	64.5	5.2	3475	7	US-11-063-439-251	Sequence 251, App	667	64	5.2	956	7	US-11-056-355B-25412	Sequence 25412, A
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596	64.5	5.2	3476	7	US-11-063-439-211	Sequence 211, App	669	64	5.2	3457	7	US-11-063-439-193	Sequence 193, App
597	64.5	5.2	3478	7	US-11-063-439-220	Sequence 220, App	670	64	5.2	3461	7	US-11-063-439-145	Sequence 145, App
598	64.5	5.2	3478	7	US-11-063-439-135	Sequence 135, App	671	64	5.2	3496	7	US-11-063-439-142	Sequence 142, App
599	64.5	5.2	3479	7	US-11-063-439-255	Sequence 255, App	672	64	5.2	3498	7	US-11-063-439-19949	Sequence 9949, App
600	64.5	5.2	3486	7	US-11-063-439-195	Sequence 195, App	673	64	5.2	262	6	US-10-953-349-59435	Sequence 9948, App
601	64.5	5.2	3486	7	US-11-063-439-258	Sequence 258, App	674	64	5.2	274	6	US-10-449-902-494315	Sequence 9948, App
602	64.5	5.2	3488	7	US-11-063-439-174	Sequence 174, App	675	64	5.2	289	7	US-11-122-986-293	Sequence 293, App
603	64.5	5.2	3488	7	US-11-063-439-200	Sequence 200, App	676	64	5.2	290	7	US-11-122-986-295	Sequence 295, App
604	64.5	5.2	3488	7	US-11-063-439-210	Sequence 210, App	677	63.5	5.1	299	6	US-10-449-902-36009	Sequence 36009, App
605	64.5	5.2	3488	7	US-11-063-439-219	Sequence 219, App	678	63.5	5.1	308	6	US-10-449-902-46302	Sequence 46302, A
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607	64.5	5.2	3490	7	US-11-063-439-118	Sequence 118, App							
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609	64.5	5.2	3490	7	US-11-063-439-244	Sequence 244, App							
610	64.5	5.2	3491	7	US-11-063-439-121	Sequence 121, App							
611	64.5	5.2	3494	7	US-11-063-439-239	Sequence 239, App							
612	64.5	5.2	3495	7	US-11-063-439-181	Sequence 181, App							

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690	63.5	5.1	341	6	US-10-953-349-32232	Sequence 32232, A	763	63	5.1	330	7	US-11-056-355B-93508	Sequence 93508, A
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692	63.5	5.1	350	7	US-11-056-355B-10543	Sequence 10543, A	765	63	5.1	350	6	US-10-449-902-56354	Sequence 56354, A
693	63.5	5.1	352	6	US-10-449-902-52010	Sequence 52010, A	766	63	5.1	355	7	US-11-056-355B-16272	Sequence 16272, A
694	63.5	5.1	356	6	US-10-449-902-91118	Sequence 91118, A	767	63	5.1	351	6	US-10-449-902-53487	Sequence 53487, A
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696	63.5	5.1	369	7	US-11-056-355B-68605	Sequence 68605, A	769	63	5.1	374	6	US-10-953-349-21901	Sequence 21901, A
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698	63.5	5.1	376	7	US-11-056-355B-111402	Sequence 111402, A	771	63	5.1	405	6	US-10-505-928-185	Sequence 185, App
699	63.5	5.1	385	6	US-10-449-902-8229	Sequence 38299, A	772	63	5.1	406	6	US-11-056-355B-62161	Sequence 62161, App
700	63.5	5.1	411	6	US-10-953-349-5941	Sequence 5941, App	773	63	5.1	406	7	US-11-056-355B-21302	Sequence 21902, A
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708	63.5	5.1	463	6	US-10-953-349-5939	Sequence 5939, App	781	63	5.1	428	7	US-11-056-355B-25570	Sequence 25570, A
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722	63.5	5.1	591	7	US-11-056-355B-54415	Sequence 54415, A	795	63	5.1	464	6	US-10-953-349-43903	Sequence 3903, A
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734	63.5	5.1	1246	7	US-11-056-355B-95080	Sequence 95080, A	807	63	5.1	717	6	US-10-449-902-43536	Sequence 43536, A
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736	63.5	5.1	1273	7	US-11-056-355B-95079	Sequence 95079, A	809	63	5.1	799	7	US-11-056-355B-93308	Sequence 93308, A
737	63.5	5.1	1281	7	US-11-056-355B-91322	Sequence 91322, A	810	63	5.1	810	7	US-11-056-355B-90151	Sequence 90151, A
738	63.5	5.1	1281	7	US-11-056-355B-95078	Sequence 95078, A	811	63	5.1	810	7	US-11-056-355B-93307	Sequence 93307, A
739	63.5	5.1	1531	6	US-10-505-928-217	Sequence 217, App	812	63	5.1	868	7	US-11-056-355B-91868	Sequence 91868, A
740	63.5	5.1	1614	6	US-10-505-928-199	Sequence 199, App	813	63	5.1	868	7	US-11-056-355B-95624	Sequence 95624, A
741	63.5	5.1	5635	6	US-10-766-760-2	Sequence 2, App1	814	63	5.1	893	7	US-11-056-355B-90150	Sequence 90150, A
742	63	5.1	145	7	US-11-056-355B-81382	Sequence 81382, A	815	63	5.1	893	7	US-11-056-355B-93306	Sequence 93306, A
743	63	5.1	197	7	US-11-056-355B-37500	Sequence 37500, A	816	63	5.1	973	7	US-11-056-355B-91867	Sequence 91867, A
744	63	5.1	197	7	US-11-056-355B-86301	Sequence 86301, A	817	63	5.1	973	7	US-11-056-355B-95623	Sequence 95623, A
745	63	5.1	205	7	US-11-056-355B-81381	Sequence 81381, A	818	63	5.1	977	6	US-10-449-902-50526	Sequence 50526, A
746	63	5.1	210	6	US-10-953-349-28372	Sequence 28372, A	819	63	5.1	985	7	US-11-056-355B-91866	Sequence 91866, A
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748	63	5.1	217	7	US-11-056-355B-81380	Sequence 81380, A	821	63	5.1	1015	6	US-10-505-928-359	Sequence 359, App
749	63	5.1	226	7	US-11-056-355B-89754	Sequence 89754, A	822	63	5.0	173	6	US-11-056-355B-21103	Sequence 21103, A
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751	63	5.1	236	6	US-10-953-349-16995	Sequence 16995, A	824	63	5.0	271	6	US-10-449-902-42465	Sequence 42465, A
752	63	5.1	247	6	US-10-449-902-30972	Sequence 30972, A	825	63	5.0	283	7	US-11-105-233-161	Sequence 161, App
753	63	5.1	247	6	US-10-449-902-31871	Sequence 31871, A	826	63	5.0	283	7	US-11-226-554-124	Sequence 124, App
754	63	5.1	299	6	US-10-449-902-39931	Sequence 39931, A	827	63	5.0	301	6	US-10-449-902-56312	Sequence 56312, A
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846	62.5	5.0	449	7	US-11-056-355B-94952	Sequence 94952, A	920	62	5.0	541	6	US-10-953-349-17392	Sequence 17392, A
847	62.5	5.0	453	7	US-11-056-355B-17364	Sequence 17364, A	921	62	5.0	545	6	US-10-953-349-11603	Sequence 11603, A
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849	62.5	5.0	472	7	US-11-056-355B-17363	Sequence 17363, A	923	62	5.0	547	6	US-10-953-349-11602	Sequence 11602, A
850	62.5	5.0	485	7	US-11-056-355B-91195	Sequence 91195, A	924	62	5.0	547	7	US-11-056-355B-48600	Sequence 48600, A
851	62.5	5.0	485	7	US-11-056-355B-94951	Sequence 94951, A	925	62	5.0	550	6	US-10-449-902-16096	Sequence 16096, A
852	62.5	5.0	503	6	US-10-449-902-44247	Sequence 44247, A	926	62	5.0	553	6	US-10-449-902-13499	Sequence 13499, A
853	62.5	5.0	528	7	US-11-056-355B-47767	Sequence 47767, A	927	62	5.0	555	7	US-11-056-355B-42001	Sequence 42001, A
854	62.5	5.0	545	7	US-11-140-450-40	Sequence 40, Appl	928	62	5.0	557	6	US-10-449-902-50128	Sequence 50128, A
855	62.5	5.0	575	6	US-10-449-902-5485	Sequence 45485, A	929	62	5.0	570	7	US-11-056-355B-10001	Sequence 10001, A
856	62.5	5.0	638	6	US-10-449-902-54628	Sequence 54628, A	930	62	5.0	571	7	US-11-056-355B-10000	Sequence 10000, A
857	62.5	5.0	928	6	US-10-449-902-11341	Sequence 41341, A	931	62	5.0	582	7	US-11-056-355B-12000	Sequence 12000, A
858	62.5	5.0	999	6	US-10-519-135-4	Sequence 4, Appl1	932	62	5.0	588	6	US-10-449-902-52095	Sequence 52095, A
859	62.5	5.0	1043	6	US-10-449-902-48111	Sequence 48111, A	933	62	5.0	643	6	US-10-204-067A-8	Sequence 8, Appl1
861	62	5.0	1234	6	US-11-056-355B-61228	Sequence 61228, A	934	62	5.0	692	6	US-10-204-067A-2	Sequence 2, Appl1
862	62	5.0	165	6	US-10-449-902-52187	Sequence 52187, A	935	62	5.0	692	6	US-10-204-067A-6	Sequence 6, Appl1
863	62	5.0	167	7	US-11-154-977-131	Sequence 131, App	936	62	5.0	693	6	US-10-449-902-69447	Sequence 69447, A
864	62	5.0	196	6	US-10-449-902-34401	Sequence 34401, A	937	62	5.0	821	7	US-11-056-355B-73351	Sequence 73351, A
865	62	5.0	224	7	US-11-174-307B-3620	Sequence 3620, App	938	62	5.0	855	7	US-11-056-355B-73350	Sequence 73350, A
866	62	5.0	245	6	US-10-953-349-23287	Sequence 23287, A	939	62	5.0	892	7	US-11-056-355B-73349	Sequence 73349, A
867	62	5.0	262	7	US-11-056-355B-35092	Sequence 35092, A	940	62	5.0	914	6	US-11-056-355B-78584	Sequence 78584, A
868	62	5.0	262	7	US-11-056-355B-76176	Sequence 76176, A	941	62	5.0	944	6	US-10-449-902-47242	Sequence 47242, A
869	62	5.0	262	7	US-11-056-355B-101768	Sequence 101768, A	942	62	5.0	947	6	US-11-056-355B-78583	Sequence 78583, A
870	62	5.0	262	7	US-11-056-355B-113007	Sequence 113007, A	943	62	5.0	978	6	US-10-449-902-52868	Sequence 52868, A
871	62	5.0	268	7	US-11-056-355B-76175	Sequence 76175, A	944	62	5.0	995	7	US-11-056-355B-78582	Sequence 78582, A
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873	62	5.0	307	6	US-10-953-349-2183	Sequence 2183, App	946	62	5.0	150	6	US-10-953-349-88732	Sequence 88732, A
874	62	5.0	307	7	US-11-056-355B-40488	Sequence 40488, A	947	62	5.0	162	7	US-11-056-355B-18878	Sequence 18878, A
875	62	5.0	307	7	US-11-056-355B-105654	Sequence 105654, A	948	62	5.0	168	7	US-11-293-697-1261	Sequence 1261, App
876	62	5.0	307	7	US-11-056-355B-116893	Sequence 116893, A	949	62	5.0	169	7	US-11-056-355B-30148	Sequence 30148, A
877	62	5.0	308	6	US-10-449-902-37066	Sequence 37066, A	950	62	5.0	169	7	US-11-056-355B-37378	Sequence 37378, A
878	62	5.0	312	7	US-11-056-355B-80528	Sequence 80528, A	951	62	5.0	172	6	US-10-449-902-12547	Sequence 12547, A
879	62	5.0	312	7	US-11-056-355B-13536	Sequence 13536, A	952	62	5.0	189	6	US-10-953-349-13954	Sequence 13954, A
880	62	5.0	321	6	US-10-449-902-33963	Sequence 33963, A	953	62	5.0	189	7	US-11-056-355B-52224	Sequence 52224, A
881	62	5.0	332	7	US-11-056-355B-13535	Sequence 13535, A	954	62	5.0	212	7	US-11-056-355B-49627	Sequence 49627, A
882	62	5.0	335	6	US-10-953-349-2182	Sequence 2182, App	955	62	5.0	221	6	US-10-953-349-10	Sequence 10, Appl1
883	62	5.0	335	6	US-10-449-902-39905	Sequence 39905, A	956	62	5.0	254	7	US-11-056-355B-24548	Sequence 24548, A
884	62	5.0	335	7	US-11-056-355B-40487	Sequence 40487, A	957	62	5.0	268	7	US-11-174-307B-4254	Sequence 4254, App
885	62	5.0	335	7	US-11-056-355B-105653	Sequence 105653, A	958	62	5.0	276	7	US-11-056-355B-24547	Sequence 24547, App
886	62	5.0	335	7	US-11-056-355B-116892	Sequence 116892, A	959	62	5.0	280	7	US-11-056-355B-1484	Sequence 1484, App
887	62	5.0	343	6	US-10-953-349-2181	Sequence 2181, App	960	62	5.0	281	6	US-10-953-349-33131	Sequence 33131, A
888	62	5.0	343	7	US-11-056-355B-40486	Sequence 40486, A	961	62	5.0	285	7	US-11-056-355B-1483	Sequence 1483, App
889	62	5.0	343	7	US-11-056-355B-105652	Sequence 105652, A	962	62	5.0	289	7	US-11-056-355B-62594	Sequence 62594, A
890	62	5.0	343	7	US-11-056-355B-116891	Sequence 116891, A	963	62	5.0	307	7	US-11-056-355B-5180	Sequence 5180, App
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892	62	5.0	357	6	US-10-953-349-34013	Sequence 34013, A	965	62	5.0	319	6	US-10-449-902-56619	Sequence 56619, A
893	62	5.0	364	6	US-10-449-902-31733	Sequence 31733, A	966	62	5.0	319	7	US-11-056-355B-21056	Sequence 21056, A
894	62	5.0	394	4	US-11-056-355B-13534	Sequence 13534, A	967	62	5.0	319	7	US-11-056-355B-75050	Sequence 75050, A
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898	62	5.0	408	7	US-11-056-355B-28014	Sequence 28014, A	971	62	5.0	331	6	US-10-471-511A-3006	Sequence 3006, App
899	62	5.0	408	7	US-11-056-355B-31604	Sequence 31604, A	972	62	5.0	335	7	US-11-303-558-12	Sequence 12, Appl
900	62	5.0	408	7	US-11-056-355B-103671	Sequence 103671, A	973	62	5.0	341	7	US-11-056-355B-84406	Sequence 84406, A
901	62	5.0	408	7	US-11-056-355B-114910	Sequence 114910, A	974	62	5.0	348	7	US-11-056-355B-5179	Sequence 5179, App
902	62	5.0	434	7	US-11-056-355B-65539	Sequence 65539, A	975	62	5.0	348	7	US-11-056-355B-49625	Sequence 49625, A
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904	62	5.0	442	6	US-10-449-902-47861	Sequence 47861, A	977	62	5.0	371	7	US-11-056-355B-22683	Sequence 22683, A
905	62	5.0	474	6	US-10-449-902-29856	Sequence 29856, A	978	62	5.0	372	6	US-11-056-355B-22683	Sequence 22683, A
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907	62	5.0	478	6	US-10-449-902-48581	Sequence 48581, A	980	62	5.0	379	7	US-11-056-355B-96506	Sequence 96506, A

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982	61.5	5.0	392	7	US-11-056-355B-1482	Sequence 1482, App	1056	61	4.9	339	7	US-11-056-355B-79198	Sequence 79198, App
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984	61.5	5.0	398	7	US-11-056-355B-22582	Sequence 22582, App	1058	61	4.9	348	6	US-10-449-902-31383	Sequence 31383, App
985	61.5	5.0	427	7	US-11-056-355B-2224	Sequence 2224, App	1059	61	4.9	358	6	US-10-449-902-42604	Sequence 42604, App
986	61.5	5.0	439	7	US-11-056-355B-96505	Sequence 96505, App	1060	61	4.9	358	6	US-10-449-902-50146	Sequence 50146, App
987	61.5	5.0	442	6	US-10-449-902-51519	Sequence 51519, App	1061	61	4.9	350	6	US-10-953-349-6074	Sequence 6074, App
988	61.5	5.0	465	6	US-10-449-902-36079	Sequence 36079, App	1062	61	4.9	379	6	US-10-449-902-50725	Sequence 50725, App
989	61.5	5.0	511	7	US-11-056-355B-96504	Sequence 96504, App	1063	61	4.9	379	6	US-11-056-355B-65028	Sequence 65028, App
990	61.5	5.0	524	6	US-10-449-902-6578	Sequence 46578, App	1064	61	4.9	385	6	US-10-953-349-16936	Sequence 16936, App
991	61.5	5.0	524	7	US-11-101-316-54	Sequence 54, App1	1065	61	4.9	385	7	US-11-056-355B-65027	Sequence 65027, App
992	61.5	5.0	524	7	US-10-449-902-35071	Sequence 35071, App	1066	61	4.9	386	6	US-10-953-349-603	Sequence 603, App
993	61.5	5.0	572	6	US-10-449-902-37876	Sequence 37876, App	1067	61	4.9	399	7	US-11-056-355B-35956	Sequence 35956, App
994	61.5	5.0	614	6	US-11-056-355B-70383	Sequence 70383, App	1068	61	4.9	411	7	US-11-056-355B-82300	Sequence 82300, App
995	61.5	5.0	715	7	US-11-056-355B-47933	Sequence 47933, App	1069	61	4.9	417	7	US-11-056-355B-27925	Sequence 27925, App
996	61.5	5.0	753	6	US-10-449-902-42948	Sequence 42948, App	1070	61	4.9	417	7	US-11-056-355B-31515	Sequence 31515, App
997	61.5	5.0	867	6	US-10-449-902-53572	Sequence 53572, App	1071	61	4.9	417	7	US-11-056-355B-98098	Sequence 98098, App
998	61.5	5.0	867	6	US-10-449-902-41116	Sequence 41116, App	1072	61	4.9	417	7	US-11-056-355B-109337	Sequence 109337, App
999	61.5	5.0	880	6	US-10-449-902-41576	Sequence 41576, App	1073	61	4.9	419	7	US-11-056-355B-35955	Sequence 35955, App
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1002	61.5	5.0	931	7	US-11-056-355B-75221	Sequence 75221, App	1076	61	4.9	428	7	US-11-056-355B-84210	Sequence 84210, App
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1004	61.5	5.0	995	7	US-11-056-355B-79317	Sequence 79317, App	1078	61	4.9	428	7	US-11-056-355B-118184	Sequence 118184, App
1005	61.5	5.0	1008	6	US-10-449-902-50438	Sequence 50438, App	1079	61	4.9	434	6	US-10-449-902-50438	Sequence 50438, App
1006	61.5	5.0	1012	6	US-11-056-355B-41299	Sequence 41299, App	1080	61	4.9	434	6	US-10-511-937-2551	Sequence 2551, App
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1008	61.5	5.0	1015	7	US-11-056-355B-85840	Sequence 85840, App	1082	61	4.9	445	7	US-11-056-355B-84205	Sequence 84205, App
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1012	61.5	5.0	1164	7	US-11-056-355B-79316	Sequence 79316, App	1086	61	4.9	446	7	US-11-056-355B-24	Sequence 24, App1
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1014	61.5	5.0	3617	7	US-11-063-439-284	Sequence 284, App	1088	61	4.9	475	7	US-11-056-355B-49001	Sequence 49001, App
1015	61	4.9	109	6	US-10-449-902-39675	Sequence 39675, App	1089	61	4.9	503	7	US-11-174-3078-2944	Sequence 2944, App
1016	61	4.9	180	6	US-10-449-902-49318	Sequence 49318, App	1090	61	4.9	520	7	US-11-056-355B-49000	Sequence 49000, App
1017	61	4.9	198	7	US-11-056-355B-24930	Sequence 24930, App	1091	61	4.9	520	7	US-11-056-355B-76207	Sequence 76207, App
1018	61	4.9	198	7	US-11-056-355B-37955	Sequence 37955, App	1092	61	4.9	540	6	US-10-449-902-44687	Sequence 44687, App
1019	61	4.9	198	7	US-11-056-355B-40757	Sequence 40757, App	1093	61	4.9	552	7	US-11-056-355B-70380	Sequence 70380, App
1020	61	4.9	202	6	US-10-449-902-35247	Sequence 35247, App	1094	61	4.9	564	7	US-11-293-697-4733	Sequence 4733, App
1021	61	4.9	211	6	US-10-449-902-32406	Sequence 32406, App	1095	61	4.9	569	6	US-10-449-902-44644	Sequence 44644, App
1022	61	4.9	211	6	US-10-449-902-32406	Sequence 32406, App	1096	61	4.9	574	7	US-11-316-535A-102	Sequence 102, App
1023	61	4.9	224	6	US-10-953-349-34807	Sequence 34807, App	1097	61	4.9	579	7	US-11-056-355B-5443	Sequence 5443, App
1024	61	4.9	224	6	US-11-056-355B-3873	Sequence 3873, App	1098	61	4.9	602	7	US-11-316-535A-163	Sequence 163, App
1025	61	4.9	233	6	US-10-953-349-39213	Sequence 39213, App	1099	61	4.9	665	7	US-11-056-355B-86494	Sequence 86494, App
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1027	61	4.9	238	7	US-11-056-355B-99711	Sequence 99711, App	1101	61	4.9	667	7	US-11-056-355B-76206	Sequence 76206, App
1028	61	4.9	238	7	US-11-056-355B-110950	Sequence 110950, App	1102	61	4.9	715	7	US-11-056-355B-70379	Sequence 70379, App
1029	61	4.9	257	6	US-10-449-902-37935	Sequence 37935, App	1103	61	4.9	715	7	US-11-056-355B-86493	Sequence 86493, App
1030	61	4.9	258	7	US-11-056-355B-51652	Sequence 51652, App	1104	61	4.9	812	7	US-11-056-355B-86492	Sequence 86492, App
1031	61	4.9	259	6	US-10-953-349-16938	Sequence 16938, App	1105	61	4.9	822	6	US-10-505-928-601	Sequence 601, App
1032	61	4.9	260	6	US-10-471-571A-2266	Sequence 2266, App	1106	61	4.9	952	7	US-11-293-697-42117	Sequence 42117, App
1033	61	4.9	263	7	US-11-056-355B-79200	Sequence 79200, App	1107	61	4.9	1121	6	US-10-449-902-53962	Sequence 53962, App
1034	61	4.9	281	6	US-10-953-349-39212	Sequence 39212, App	1108	61	4.9	1121	6	US-11-191-644-18	Sequence 18, App1
1035	61	4.9	289	6	US-10-953-349-16937	Sequence 16937, App	1109	61	4.9	1126	6	US-11-191-644-5	Sequence 5, App1
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1037	61	4.9	291	7	US-11-056-355B-55425	Sequence 55425, App	1111	61	4.9	1182	7	US-11-191-644-5	Sequence 5, App1
1038	61	4.9	295	6	US-10-953-349-39211	Sequence 39211, App	1112	61	4.9	1182	7	US-11-191-644-12	Sequence 12, App1
1039	61	4.9	300	7	US-11-056-355B-51651	Sequence 51651, App	1113	61	4.9	1385	7	US-11-191-644-18	Sequence 18, App1
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1041	61	4.9	305	6	US-10-449-902-31938	Sequence 31938, App	1115	61	4.9	2245	7	US-11-248-956-3	Sequence 3, App1
1042	61	4.9	310	6	US-10-953-349-18691	Sequence 18691, App	1116	61	4.9	3499	7	US-11-063-439-147	Sequence 147, App1
1043	61	4.9	310	7	US-11-056-355B-53353	Sequence 53353, App	1117	61	4.9	22152	6	US-10-544-944-1	Sequence 1, App1
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1045	61	4.9	311	7	US-11-056-355B-33352	Sequence 33352, App	1119	61	4.9	140	7	US-11-197-712-470	Sequence 470, App
1046	61	4.9	311	7	US-11-056-355B-79139	Sequence 79139, App	1120	61	4.9	151	7	US-11-056-355B-19048	Sequence 19048, App
1047	61	4.9	313	6	US-10-953-349-18689	Sequence 18689, App	1121	61	4.9	169	6	US-10-449-902-33671	Sequence 33671, App
1048	61	4.9	313	7	US-11-056-355B-53351	Sequence 53351, App	1122	61	4.9	198	6	US-10-449-902-33671	Sequence 33671, App
1049	61	4.9	314	7	US-11-056-355B-99710	Sequence 99710, App	1123	61	4.9	202	6	US-10-449-902-42175	Sequence 42175, App
1050	61	4.9	314	7	US-11-056-355B-110949	Sequence 110949, App	1124	61	4.9	253	6	US-10-953-349-44466	Sequence 44466, App
1051	61	4.9	316	6	US-10-449-902-33493	Sequence 33493, App	1125	61	4.9	256	7	US-11-319-952-44	Sequence 44, App1
1052	61	4.9	319	6	US-10-953-349-18954	Sequence 18954, App	1126	61	4.9	258	6	US-10-953-349-19259	Sequence 19259, App
1053	61	4.9	326	7	US-11-056-355B-55424	Sequence 55424, App	1127	61	4.9	258	7	US-11-056-355B-54229	Sequence 54229, App
1054	61	4.9	334	7	US-11-056-355B-99709	Sequence 99709, App	1128	61	4.9	258	7	US-11-056-355B-54229	Sequence 54229, App

1128	60.5	4.9	274	6	US-10-953-349-34405	Sequence 34405, A
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1130	60.5	4.9	276	6	US-10-449-902-43437	Sequence 43437, A
1131	60.5	4.9	282	7	US-11-056-355B-62535	Sequence 62535, A
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1135	60.5	4.9	326	6	US-10-449-902-44165	Sequence 44165, A
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1137	60.5	4.9	348	6	US-10-449-902-43920	Sequence 43920, A
1138	60.5	4.9	377	6	US-10-953-349-31745	Sequence 31745, A
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1141	60.5	4.9	383	7	US-11-056-355B-45475	Sequence 45475, A
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1143	60.5	4.9	388	7	US-11-056-355B-66144	Sequence 66144, A
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1145	60.5	4.9	402	6	US-10-449-902-42591	Sequence 42591, A
1146	60.5	4.9	402	6	US-10-449-902-42993	Sequence 42993, A
1147	60.5	4.9	444	7	US-11-056-355B-16085	Sequence 16085, A
1148	60.5	4.9	444	7	US-11-056-355B-16705	Sequence 16705, A
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1153	60.5	4.9	471	7	US-11-316-535A-18	Sequence 18, Appl
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1162	60.5	4.9	548	7	US-11-056-355B-95616	Sequence 95616, A
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1193	60.5	4.9	851	7	US-11-063-439-115	Sequence 115, App
1194	60.5	4.9	3031	7	US-11-063-439-108	Sequence 108, App
1195	60.5	4.9	3203	7	US-11-063-439-171	Sequence 171, App
1196	60.5	4.9	3222	7	US-11-063-439-137	Sequence 137, App
1197	60.5	4.9	3466	7	US-11-063-439-169	Sequence 169, App
1198	60.5	4.9	3466	7	US-11-063-439-106	Sequence 106, App
1199	60.5	4.9	3486	7	US-11-063-439-167	Sequence 167, App
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1202	60.5	4.9	3497	7	US-11-063-439-133	Sequence 133, App
1203	60.5	4.9	3502	7	US-11-063-439-186	Sequence 186, App
1204	60.5	4.9	3503	7	US-11-063-439-183	Sequence 183, App
1205	60.5	4.9	3509	7	US-11-063-439-136	Sequence 136, App
1206	60.5	4.9	3509	7	US-11-063-439-176	Sequence 176, App
1207	60.5	4.9	3509	7	US-11-063-439-178	Sequence 178, App
1208	60.5	4.9	3511	7	US-11-063-439-124	Sequence 124, App
1209	60.5	4.9	3512	7	US-11-063-439-122	Sequence 122, App
1210	60.5	4.9	3516	7	US-11-063-439-191	Sequence 191, App
1211	60.5	4.9	3516	7	US-11-063-439-161	Sequence 161, App
1212	60.5	4.9	3518	7	US-11-063-439-154	Sequence 154, App
1213	60.5	4.9	3519	7	US-11-063-439-187	Sequence 187, App
1214	60.5	4.9	3523	7	US-11-063-439-146	Sequence 146, App
1215	60.5	4.9	3523	7	US-11-063-439-152	Sequence 152, App
1216	60.5	4.9	3534	7	US-11-063-439-132	Sequence 132, App
1217	60.5	4.9	3540	7	US-11-063-439-188	Sequence 188, App
1218	60.5	4.9	3544	7	US-11-063-439-158	Sequence 158, App
1219	60.5	4.9	3544	7	US-11-063-439-159	Sequence 159, App
1220	60.5	4.9	3544	7	US-11-063-439-197	Sequence 197, App
1221	60.5	4.9	3696	7	US-11-330-363-4	Sequence 4, Appl
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1227	60	4.8	161	7	US-11-056-355B-63235	Sequence 63235, A
1228	60	4.8	163	6	US-10-953-349-26003	Sequence 26003, A
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1239	60	4.8	204	7	US-11-056-355B-104601	Sequence 104601, A
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1277	60	4.8	358	6	US-10-953-349-19378	Sequence 19378, A	1350	60	4.8	622	7	US-11-226-554-116	Sequence 116, App
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1310	60	4.8	434	7	US-11-056-355B-42955	Sequence 42955, A	1383	60	4.8	3595	7	US-11-053-439-269	Sequence 269, App
1311	60	4.8	434	7	US-11-056-355B-88786	Sequence 88786, A	1384	60	4.8	3599	7	US-11-053-439-271	Sequence 271, App
1312	60	4.8	434	7	US-11-056-355B-92542	Sequence 92542, A	1385	60	4.8	3600	7	US-11-053-439-262	Sequence 262, App
1313	60	4.8	436	7	US-11-316-535A-1315	Sequence 135, App	1386	60	4.8	3603	7	US-11-053-439-289	Sequence 289, App
1314	60	4.8	446	7	US-11-056-355B-78150	Sequence 78150, A	1387	59.5	4.8	1117	6	US-10-449-902-45842	Sequence 45842, A
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1317	60	4.8	458	6	US-10-953-349-19377	Sequence 19377, A	1390	59.5	4.8	165	7	US-11-056-355B-4336	Sequence 4366, App
1318	60	4.8	458	7	US-11-056-355B-55716	Sequence 55716, A	1391	59.5	4.8	166	7	US-11-056-355B-9049	Sequence 9049, App
1319	60	4.8	463	7	US-11-056-355B-79975	Sequence 79975, A	1392	59.5	4.8	174	7	US-11-056-355B-9048	Sequence 9048, App
1320	60	4.8	463	7	US-11-316-535A-171	Sequence 171, App	1393	59.5	4.8	183	7	US-11-056-355B-11366	Sequence 11366, A
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1326	60	4.8	495	7	US-11-056-355B-22427	Sequence 22427, A	1399	59.5	4.8	265	7	US-11-056-355B-10327	Sequence 10327, A
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1486	59.5	4.8	3536	7	US-11-053-439-175	Sequence 175, App
1487	59.5	4.8	3537	7	US-11-053-439-177	Sequence 177, App
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1494	59	4.8	254	7	US-11-056-355B-24203	Sequence 24203, A

Search completed: July 14, 2006, 03:17:33
Job time : 39 secs

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1499	59	4.8	269	6	US-10-449-902-44315	Sequence 44315, A
1500	59	4.8	270	6	US-10-953-349-3736	Sequence 3736, Ap

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